AVAYON

DVD/DivX PLAYER

Model: DXP-1000

INSTRUCTION MANUAL

DivX / MPEG4 / DVD / MP3 / WMA / CD / Photo CD

Please read this manual before installation and use.

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WARNINGS

TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT EXPOSE THIS PLAYER TO RAIN OR MOISTURE!

	CAUTION: To reduce the risk of fire and electric shock, do not remove the cover of the player. Refer servicing of the player to a qualified service technician only!
	This lightning flash arrow symbol in a triangle is intended to alert users to the presence of non-insulated high voltage within the player's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to a person.
	The exclamation point symbol in a triangle is intended to alert users to the presence of important operating and maintenance instructions in the literature accompanying the player.
CLASS 1 **LASER** **PRODUCT**	The marking of products using lasers is shown at the rear panel of the player and means the player has been classified as a Class 1 laser product utilizing laser beams that are of a weaker class. There is no danger of hazardous radiation outside the player.

REFER ALL SERVICING TO A QUALIFIED SERVICE TECHNICIAN ONLY!

IMPORTANT - READ THIS!

- Read through this instruction manual before installing and using the player.
- Do not touch the power plug with wet hands.
- When disconnecting the power cord from the power outlet, hold the plug. Do not pull the power cord.
- Switch off the main power on the rear panel when the player is not in use. Disconnect the power plug from the power outlet when you do not intend to use the player for a prolonged period of time.
- Before moving the player, remove the disc from the player's tray.
- Do not open the cover or touch any of the components inside the player.
- Do not install or operate the player under direct exposure to sunlight, or near objects that radiate heat. Doing so may lead to overheating and damage the player.
- Do not install or operate the player in overly moist or humid environments. Doing so may adversely affect the laser head.
- Install the player on flat surface with good air circulation. Do not cover the ventilation holes on the case. Doing so may cause the player to overheat and malfunction.
- Wipe the panel and case with a soft dry cloth only. Do not apply any kind of thinner, alcohol, or sprays, as they will damage the finish.

GENERAL INFORMATION

1. DivX Certification

By displaying the DivX® logo, we are demonstrating that AVAYON products have been tested and certified by DivXNetworks, the creators of DivX® video technology, and are capable of playing all versions of DivX® video content. DivX Certified ensures that the DivX® content you attain and create can be played on your AVAYON DivX® Certified product.

2. Disc and Format Compatibility

This player can play the following types of discs:

- ☐ DVD single-sided/single-layer **or** single-sided/double-layer
- ☐ DVD-R / DVD-RW
- ☐ DVD+R / DVD+RW
- ☐ DivX version 3.11, 4.xx, or 5.xx
- ☐ XviD
- ☐ CD-DA
- ☐ MP3
- ☐ CD-R
- ☐ CD-RW
- ☐ Photo CD (JPEG)

3. Disc Information

Disc type	**DVD**	**VCD**	**DIVX**	**CD**
Recording method	Digital / MPEG II	Digital / MPEG I	MPEG 4	Digital
Capacity	single-sided/single-layer 4.7GB = 2 hr single-sided/double-layer 8.5GB = 4 hr	650MB		650MB 74min
Disc size	12cm / 8cm	12cm		12cm / 8cm
Horizontal resolution	500 lines up	240 lines up		-
Subtitles	32	-	-	-
Sound tracks	8	2	-	-
Symbol				

4. Selecting a DVD Disc

□ DVD discs and DVD players are manufactured under the worldwide DVD Regional Code System that stipulates players will operate only with discs corresponding to the same Zone/Regional Code.

Zone/Regional Code	Zone/Region
1	Canada, USA
2	Europe (including Poland, Romania, The Czech Republic), Japan, Middle East (including Saudi Arabia, Egypt, Iran, South Africa)
3	East Asia (including Hong Kong, Taiwan, South Korea), Southeast Asia
4	Australia, Caribbean, Central & South America, Mexico, New Zealand
5	Africa, Former Soviet Union, India, North Korea, Pakistan, Turkmenistan
6	China

NOTE: This player by default is set up to play Zone/Regional Code 1 DVDs.

□ Features of a DVD disc

Each DVD disc contains different combinations of features depending on the design and production of the disc. The following symbols represent some DVD features:

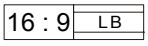
Regional Code / Video Output System

Dolby Digital Surround

DTS Digital OUT

Number of audio tracks

Number of subtitles



Screen modes

Child lock

Number of angles

NOTE: Some features of this player are related to the DVD disc's software. Some features of this player cannot be preformed if the disc does not support those features, or required special settings. Check the features of the disc before playing it, or follow the instructions of the on-screen menu for the disc.

6. Care of Discs

- Video discs contain high-density compressed data that need proper handling.
- Hold the disc with fingers and thumb, holding the hole at center and the edge. Do not touch the disc surface!
- Do not bend or press the disc.
- Do not expose the disc to direct sunlight or any heat source.
- Store discs vertically in a cabinet, and under dry conditions.
- Clean the disc with a soft dry cloth only. Wipe the surface gently from the center to the edge. Do not apply thinner, alcohol, or sprays when cleaning.

PREPARING FOR INSTALLATION

Your Avayon DXP-1000 comes carefully packaged from the factory with all the accessories you need to start enjoying high quality video entertainment right away.

1. Unpack the Player

The standard package contains the following items:

- ☐ DXP-1000 DVD player
- ☐ Infrared remote controller
- ☐ AV cables
- ☐ Two AAA batteries
- ☐ Instruction manual
- ☐ Warranty Registration Card

2. Load Batteries into the Remote Control

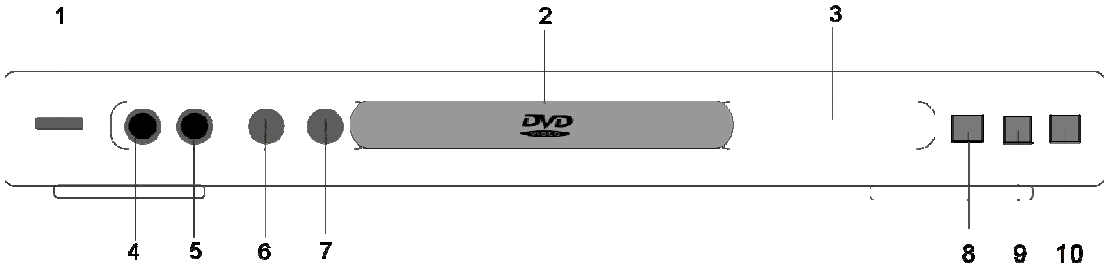
To load batteries into the supplied remote control, do the following:

- ☐ Remove the battery compartment cover.
- ☐ Load two AAA batteries into the battery compartment.
- ☐ Make sure that the batteries have been inserted with the correct polarities matching the symbols +, - as indicated inside the battery compartment.
- ☐ When replacing batteries, always replace both batteries. Do not mix new and used batteries, or the operating lifetime of the remote may be shortened.
- ☐ Do not dispose of batteries in normal rubbish. Be environmentally friendly and dispose of batteries according to your government regulations.
- ☐ Remove the batteries if you do not intend to use the player for a prolonged period of time.

PANEL DESCRIPTION

Familiarize yourself with the front panel and rear panel connections and controls before attempting to connect the DXP-1000 to your audio/video system.

1. Front Panel

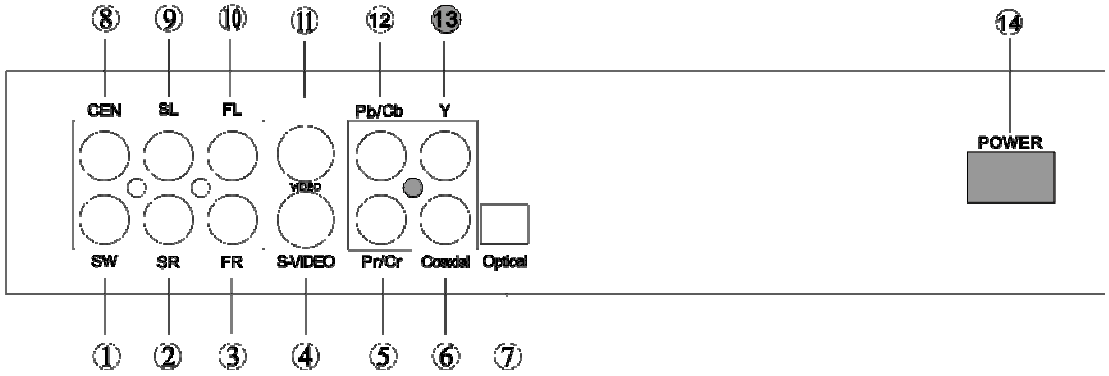


1.	STANDBY POWER	6.	MIC VOLUME
2.	DISC TRAY	7.	ECHO VOLUME
3.	VFD DISPLAY PANEL	8.	OPEN/CLOSE
4.	MIC 1	9.	PLAY/PAUSE
5.	MIC 2	10.	STOP

Items 4 through 7 are karaoke functions. Simply insert the DVD or VCD karaoke disc and start playing. Connect the microphone to MIC1 and/or MIC 2 and adjust the VOL control and ECHO control for the best sound effect.

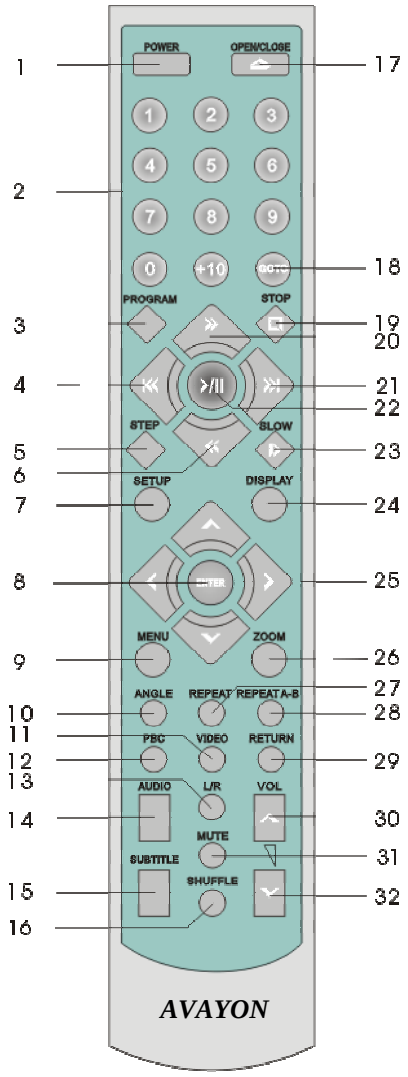
NOTE: The VOL and ECHO buttons need to be pushed so that they pop out and allow for easy tuning. When you have finished making adjustments, you can push them back in.

2. Rear Panel



1. 5.1 Channel Audio output Sub-Woofer
2. 5.1 Channel Audio output Surround Right
3. 5.1 Channel Audio output Front Right
4. S-Video output
5. YPbPr Video output - Pr
6. Coaxial Digital Audio output Video output
7. Optical Digital Audio output
8. 5.1 Channel Audio output Center
9. 5.1 Channel Audio Surround Left
10. 5.1 Channel Audio Front Left
11. Video output
12. YPbPr Video output -Pb
13. YPbPr Video output -Y
14. Main Power Switch

3. Remote Control



1. POWER STANDBY
2. NUMERIC KEYS
3. PROGRAM
4. PREVIOUS
5. STEP
6. SEARCH BACKWARD
7. SETUP
8. ENTER
9. MENU
10. ANGLE
11. VIDEO
12. PBC
13. L/R
14. AUDIO
15. SUB TITLE
16. SHUFFLE (RANDOM)
17. OPEN/CLOSE
18. GOTO
19. STOP
20. SEARCH FORWARD
21. NEXT
22. PLAY/PAUSE
23. SLOW
24. DISPLAY
25. CURSOR
26. ZOOM
27. REPEAT
28. REPEAT A-B
29. RETURN
30. VOL. +
31. MUTE
32. VOL. -

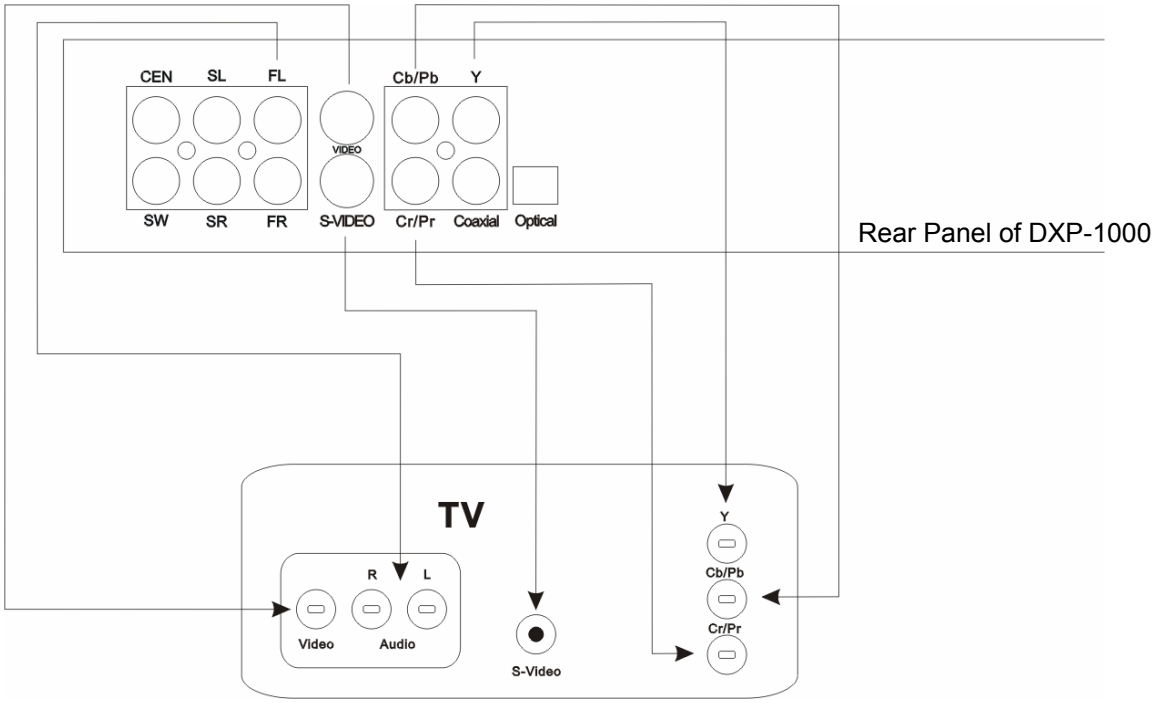
SYSTEM CONNECTIONS

DO NOT connect the AC power plug to the wall outlet before the system connections are completed.

Before turning on the power/standby button on the front panel or remote control, you need to turn on the main power switch located on the rear panel.

NOTE: With the main power switch on, the status indicator light on the front panel is green indicating the player is on and ready to play a disc. Pressing the power/standby button places the player into standby mode as indicated by the status indicator light turning red.

1. Connecting to a TV Set



NOTE: One set of standard AV cables is included with the player.

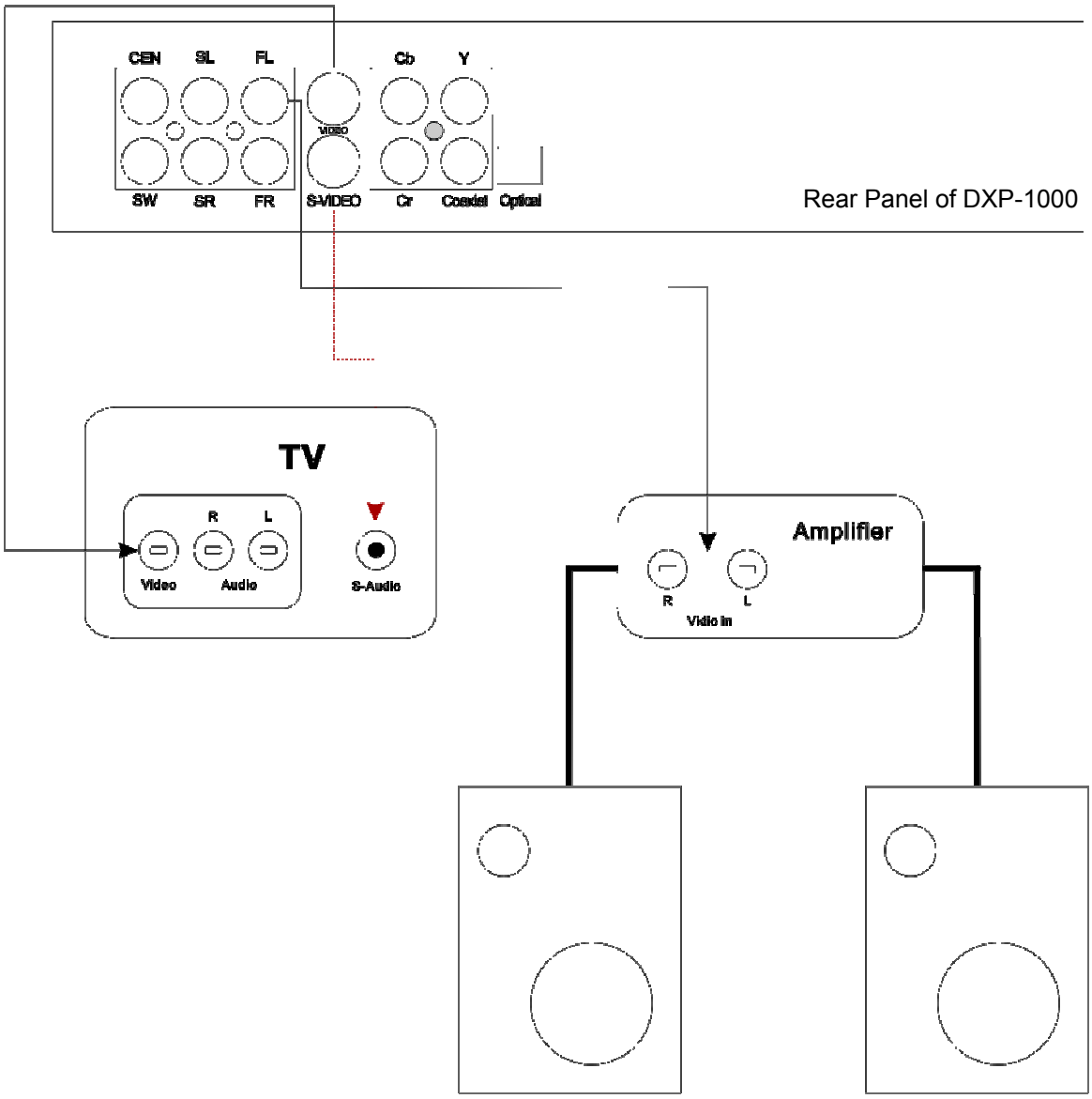
- ☐ Connect the player's Video output to the TV's Video input terminal using the yellow plugs of the supplied AV cable. You may alternately connect the S-Video output of the player to the S-Video input of the TV using an S-Video cable.
- ☐ Connect the player's Front Left (FL) and Front Right (FR) audio outputs to the TV's Left and Right audio inputs.
- ☐ If your TV has built-in YCbCr or YPbPr (Progressive Scan), you may connect these three sets of cables from unit's YCbCr/YPbPr video output to the TV's related video input. These connections allow you to enjoy higher quality video. If you want to select the Progressive Scan function, simply press VIDEO on the remote control for this mode of video output.

  S-video and YUV (YPbPr/YCbCr) cables are not included with the player.

2. Connecting to a Stereo Amplifier

- ☐ Connect the player's Video output to the TV's Video input terminal using the yellow plugs of the supplied AV cable. You may alternately connect the S-Video output of the player to the S-Video input of the TV using an S-Video cable (not supplied).

- ☐ Connect the player's Front Left (FL) and Front Right (FR) audio outputs to stereo amplifier's Left and Right audio inputs.

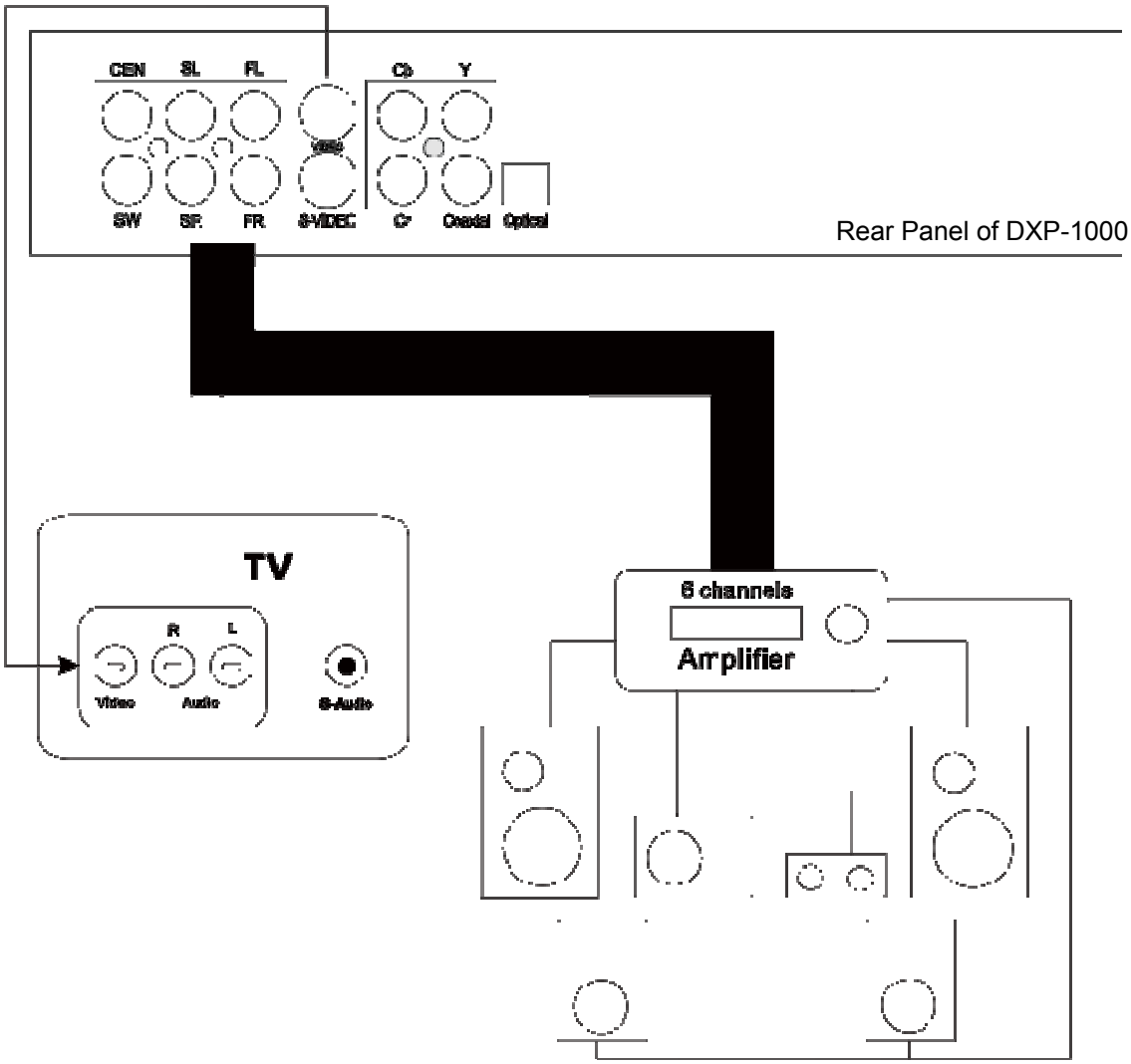


3. Connecting to a 5.1 Channel Amplifier

- ☐ Connect the player's Video output to the TV's Video input terminal using the yellow plugs of the supplied AV cable. You may alternately connect the S-Video output of the player to the S-Video input of the TV using an S-Video cable (not supplied).

- ☐ Connect the player's 5.1 channel surround audio output (FL, FR, SL, SR, CEN, SW) to the 5.1 channel amplifier's audio input terminals, Front Left, Front Right, Surround Left, Surround Right, Center, and Sub-Woofer.

NOTE: An amplifier with 6-channel input and output is required. An AC3 decoder is not required.



NOTE: Connecting AC3/DTS digital outputs (Optical or Coaxial) to an AC3 or DTS decoding amplifier is also possible. See further instructions on the next page.

4. Connecting to an AC3 or DTS Decoding Amplifier

Your Avayon DXP-1000 features a dedicated Digital Output. This important connection carries data to your receiver that processes multi-channel home theatre or music playback.

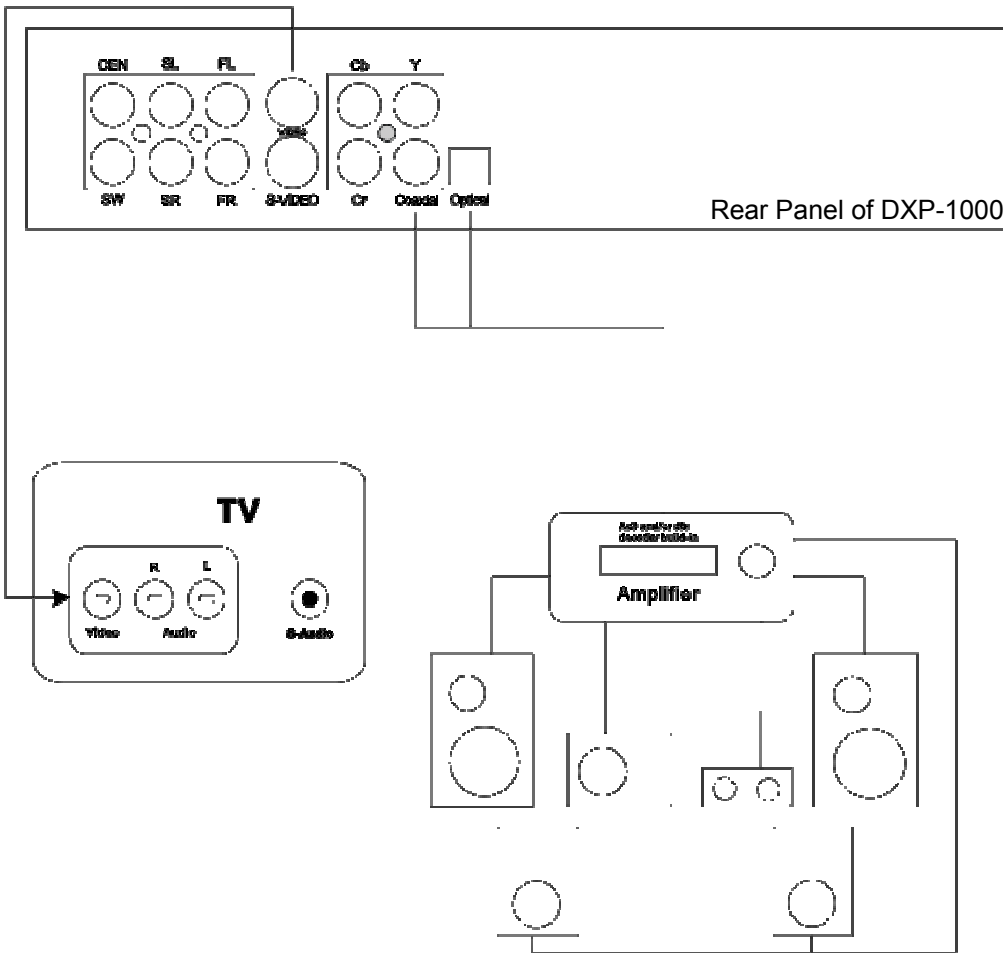
DTS (Digital Theater Systems)
In order to experience DTS Digital Surround, you will need a DTS-capable receiver (or add-on decoder plus amplifier) and 5.1 Channel speakers (Left, Center, Right, Stereo Surround, plus an LFE/subwoofer).

AC-3
Surround sound technology that delivers high-quality digital audio for up to 5.1 discrete channels (Left, Center, Right, Left Surround, Right Surround, Low-Frequency Effects). The five speaker channels produce a directional and more realistic effect. The Low-Frequency Effects (LFE) channel (usually reproduced through a subwoofer) can often be felt as well as heard.

- ☐ Connect the player's Video output to the TV's Video input terminal using the yellow plugs of the supplied AV cable. You may alternately connect the S-Video output of the player to the S-Video input of the TV using an S-Video cable (not supplied).

- ☐ Connect the player's digital audio output (Optical or Coaxial) to the AC3 or DTS decoding amplifier's digital audio input.

    - ❑ Press the SETUP button on the remote control to enter the player's SETUP MENU.
    - ❑ Press **^** / **v** buttons on the Remote Control to select AUDIO SETUP.
    - ❑ Press **^** / **v** buttons again to select SPDIF OUTPUT.
    - ❑ Press the **>** button and then the **^** / **v** buttons to select SPDIF/RAW.
    - ❑ Press the ENTER button to confirm the setting.



USING YOUR DXP-1000

Once you have your player properly connected to your TV, or to your TV and amplifier, you can begin to play discs immediately. However, you may wish to customize your video and audio experience by selecting various options using the on-screen menus. Setup of these options is explained in the following sections.

1. How to Play a Disc

□ Switch on the power

Switch on the Main Power switch on the player's rear panel, and switch on the TV set and the amplifier (if one is connected). The status light on the front of the player should be green. If it is red, push the Power/Standby button next to the status light.

□ Setup the basic system connections

Once you have completed your basic system connections, ensure that you can observe the AVAYON screen on your TV screen. If you do not, visually check your cable connections and ensure that the correct settings have been selected on your TV for an external device like your player.

□ Load a disc

Press the OPEN/CLOSE button ⏏ on the remote, or the OPEN/CLOSE button on the front panel to open the disc tray. Load a disc into the tray and press the OPEN/CLOSE button again to close the disc tray. (Be sure to place the disc's label side up and blank side down.)

□ Automatic Play

The player will take several seconds to read the disc data, display the disc type logo at the left upper corner of the TV screen, and then start playing automatically. (MP3 discs take longer to upload data on SMART NAVI Menu when loading.)

□ If a Disc Menu is displayed on the screen, do the following:

1. Press the ▶ button to start playing, or
2. Press cursor on the remote control to select the desired item and then press the ENTER button to confirm.

□ A different kind of Disc Menu may be displayed on the TV screen depending on the design and production of the disc.

2. Video Setup

The player's TV output color is selectable to either **PAL** or **NTSC.**

If the TV set is NOT a multi video system, and the following is observed on the TV screen, it could be a result of the wrong color system matched to the TV set. Symptoms of a mismatch are,

- ☐ Picture is distorted
- ☐ Picture is black and white with no color
- ☐ Picture is not full screen, or the border portion of the picture is blocked

NOTE: The DVD Player is set to NTSC system output by default. If you are not playing in the U.S.A. or know you are on a PAL system, please change the output system of the player using the steps below.

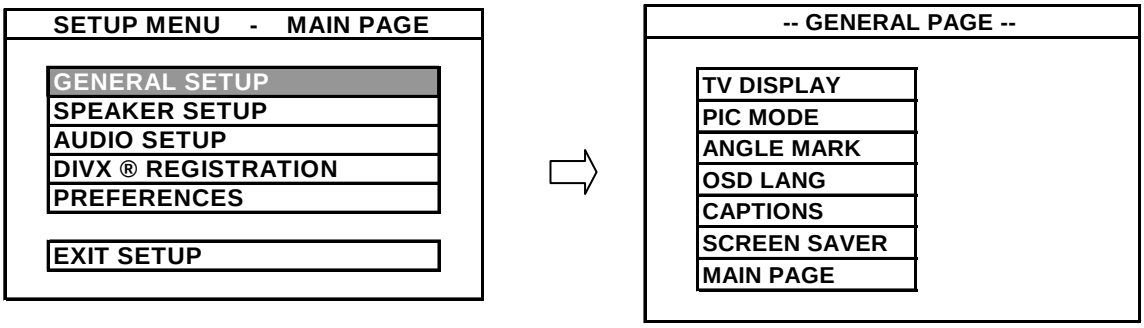
1. Set the TV set's system to the proper setting, or
2. Change the DVD player's output system setting as following:

   Press SETUP on remote control,
   Go to PREFERENCES
   Select the TV TYPE then choose MULTI.SYSTEM, NTSC, or PAL.

   NOTE: If the above steps DO NOT fix the problem, see the TROUBLESHOOTING section of this manual.

3. General Setup

1. Press the SETUP button on the remote control during STOP or PLAY mode to enter the on-screen SETUP MENU.
2. Use the ⇦⇧⇨⇩ cursor to select GENERAL SETUP. Press ENTER to display the GENERAL SETUP page.



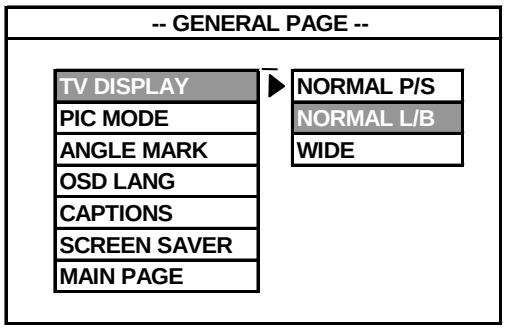
TV DISPLAY

Use the cursor to move to the desired setting and press ENTER to confirm.

NORMAL/PS – 4x3 Pan Scan
Full screen picture on TV. Normally, left and right edges are cropped.

NORMAL/LB – 4x3 Letter Box
Original aspect ratio with no cropping.

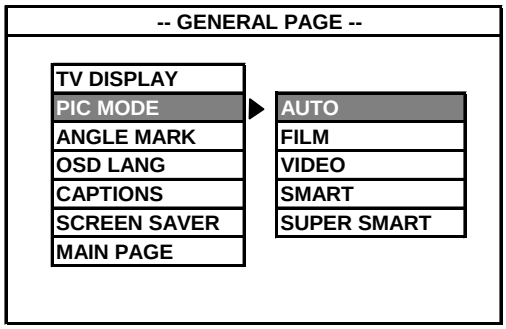
WIDE – 16:9 Widescreen



PIC MODE (PICTURE MODE)

This mode depends on the type of video you are playing.

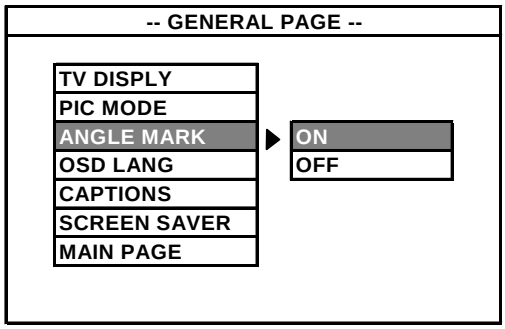
AUTO: Automatically adjusts to suit your recent playback.
FILM: Film movie mode (24 Pictures film).
VIDEO: Video base on television mode.
SMART: This is a good mode to use for progressive and interlaced material with limited motion.
SUPER SMART: Use this unless your video does adaptive deinterlacing film, in which case use use FILM mode



ANGLE MARK

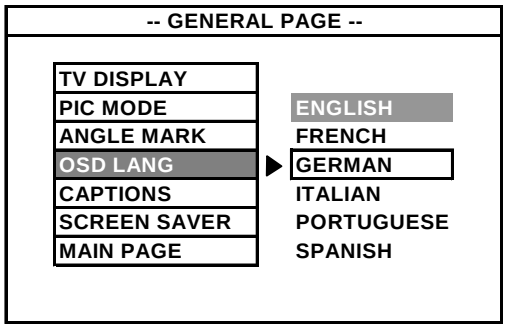
This feature functions only for discs which support the ANGLE function.

- When the ANGLE MARK is set ON, the screen displays the mark.
- When the ANGLE MARK is set OFF, the mark is not displayed.
- After you set the ANGLE MARK to ON, you can press the Angle button to change the view angle of the screen.



OSD LANG (ON SCREEN DISPLAY LANGUAGE)

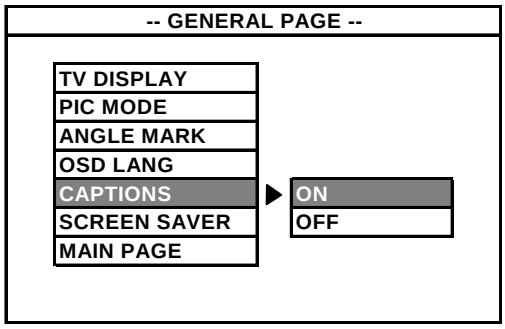
This feature allows you to choose from one of six languages that will be used to display menus and functions on the screen.



CAPTIONS

This feature allows you to turn on the CLOSED CAPTION feature. Closed Caption displays the spoken audio portion of a video as text on the screen if the disc supports it.

- ❑ Select ON to display captions.
- ❑ Select OFF to disable the display of captions.

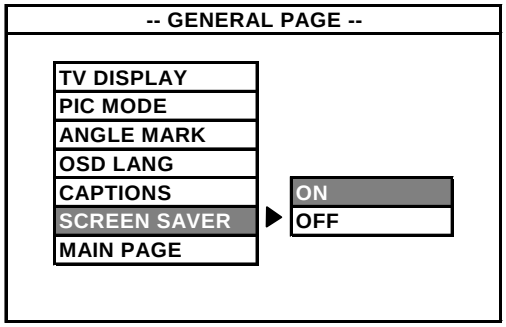


SCREEN SAVER (SCREEN SAVER)

When the player is stopped, and there is no operation, or function button pressed within one minute, the screen saver will appear.

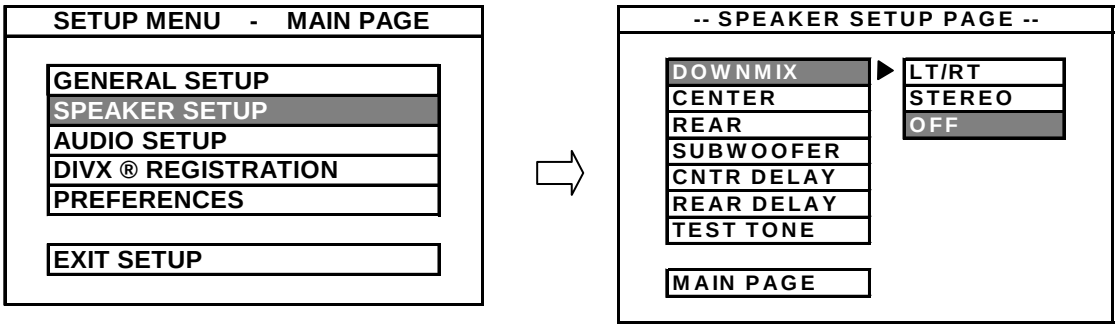
The screen saver is useful for protecting the TV screen from a phenomenon call burn-in.

- ❑ Select ON to activate the screen saver.
- ❑ Select OFF to disable the screen saver.



4. Speaker Setup

1. Press the SETUP button on the remote control during STOP or PLAY mode to enter the on-screen SETUP MENU.
2. Use the ⇦⇧⇨⇩ cursor to select SPEAKER SETUP. Press ENTER to display the SPEAKER SETUP page.



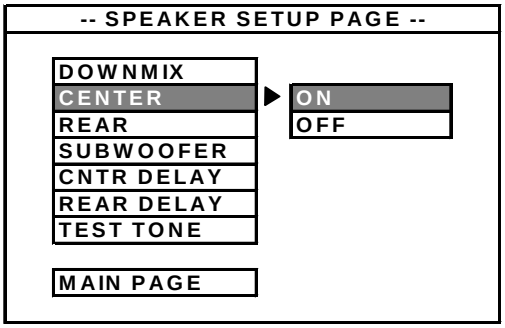
DOWNMIX

The DOWNMIX feature allows you to combine (mix) several discrete digital channels of audio into two channels. You would enable DOWNMIX if you did not have a 5.1 Channel audio system.

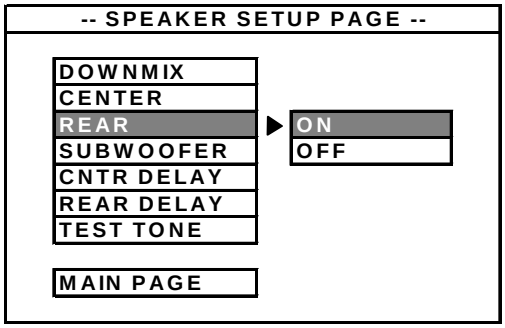
- LT/RT: Left and Right output mode (Either Left or Right channel Audio output while playing)
- STEREO: Stereo output mode
- OFF: Turn off the Downmix mode. 5.1 Channel audio can be enabled only if DOWNMIX is set OFF and the rest of speaker setup is activated.

NOTE: The selections below are only available if DOWNMIX is OFF.

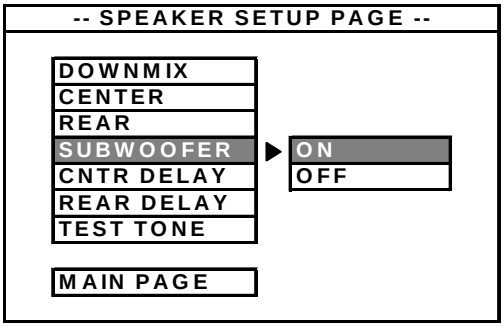
CENTER



REAR



SUBWOOFER

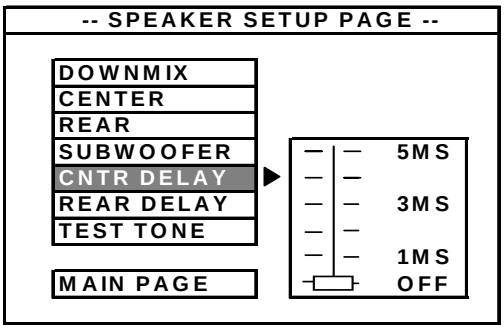


- Set CENTER, REAR, and SUBWOOFER to ON only if you have your player connected to a 5.1 Channel surround sound system.
- These speaker settings are used in conjunction with the DELAY settings on the next page to enhance the surround sound audio experience.

CENTER DELAY

This feature is used in the surround sound mode. The sound coming out from center speaker will be delayed rather than in real time. This delay depends on the distance from the center speaker to where you are listening to the sound.

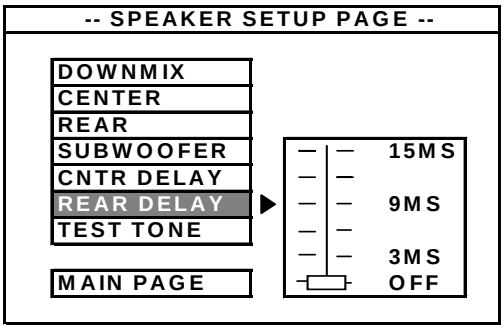
- Adjust the audio delay from center channel from 0 to 5 milliseconds.



REAR DELAY

This feature is used in the surround sound mode. The sound coming out from the rear speakers will be delayed rather than in real time. This delay depends on the distance from the rear speakers to where you are listening to the sound.

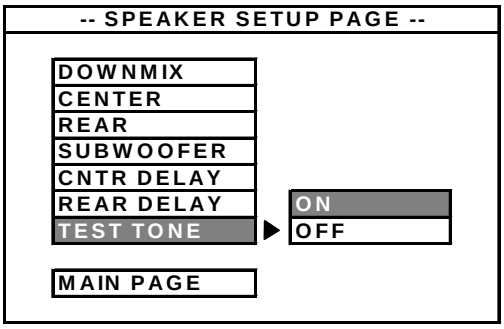
- Adjust the audio delay from rear channel from 0 to 15 milliseconds.



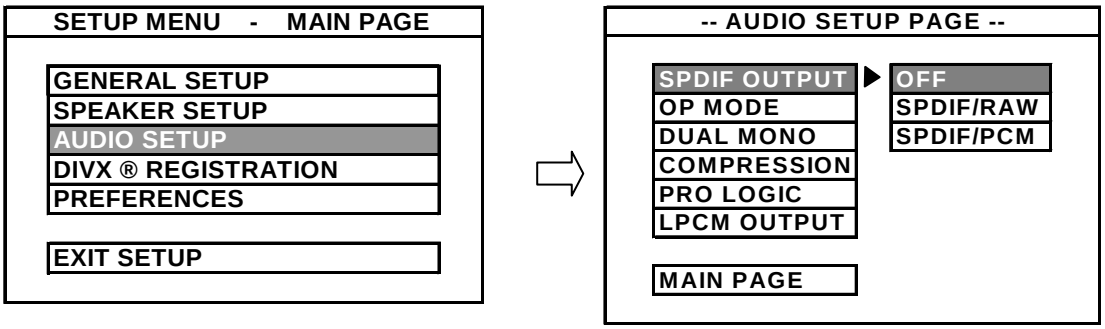
TEST TONE

This function is used to test the five speakers and to ensure they are working properly. The sound will come out from the five speakers, one by one.

- ON: Turns on the 5.1 Channel test function.
- OFF: Turns off the 5.1 Channel test function.



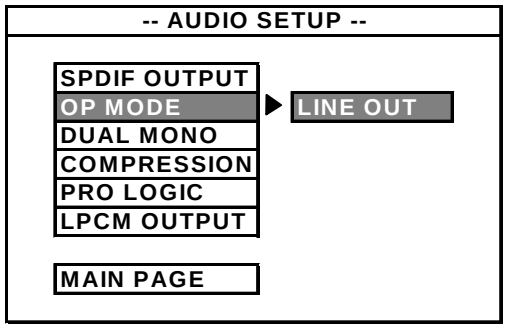
5. Audio Setup



- ❑ OFF: Audio signal is out from (FL/FR) AUDIO OUT (RCA) jacks.
- ❑ SPDIF/RAW: The player is connected to a Dolby Digital amplifier through DIGITAL OUT Coaxial or Optical jack.
- ❑ SPDIF/PCM: The player is connected to a 2-channel digital mode or stereo amplifier through Coaxial or Optical jack.

OP MODE

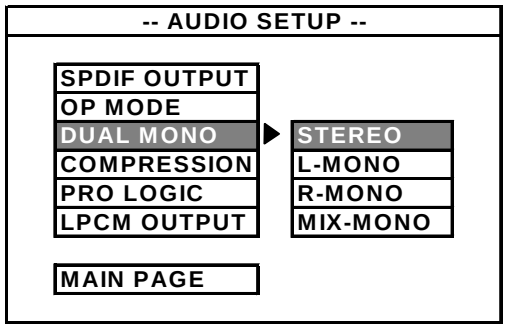
- ❑ LINE OUT: Line out mode with digital dialog normalization, compress input linear signal. It suitable to all television signal inputs.



DUAL MONO

Output mode of the L/R signals. Mix-mono can be functioned only if the DVD is playing in 5.1 Channel audio.

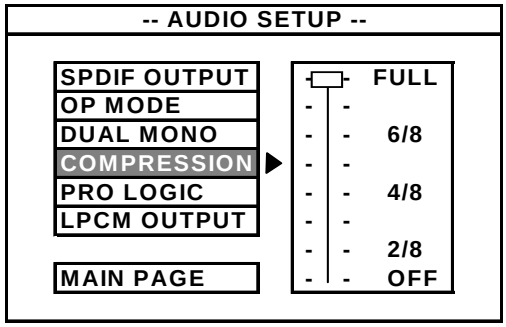
If your amplifier has Dolby digital output mode, you may choose STEREO, L-MONO, R-MONO, and MIX-MONO for the decoding method



COMPRESSION

You can adjust the linear compression rate to of the audio signals only if the OP MODE function is set to LINE OUT.

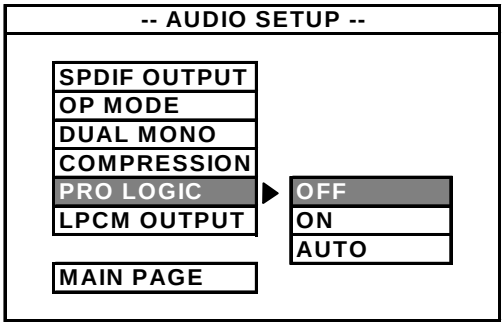
- ❑ The data from '2/8 to Full' that will reflect the "dynamic range" compress of Dolby sounds output.



PRO LOGIC

Dolby ProLogic Surround Sound is an analog technology that encodes four channels of sound onto two stereo tracks.

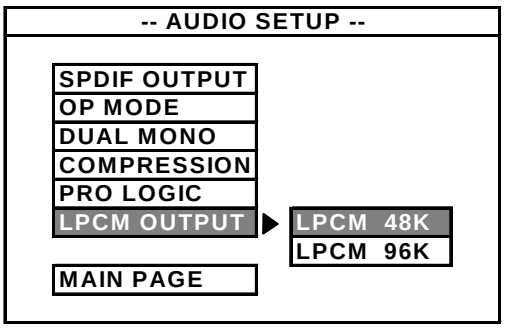
- Select Dolby ProLogic Surround either ON, OFF, or AUTO.
- If you choose AUTO, your player will detect ProLogic capability and decode it automatically.



LPCM OUTPUT

LCPM is uncompressed two-channel stereo output. If the audio media you play is high quality music such as on a high-definition music CD, you can choose 96K playback.

- Select LPCM output at 48K or 96K.

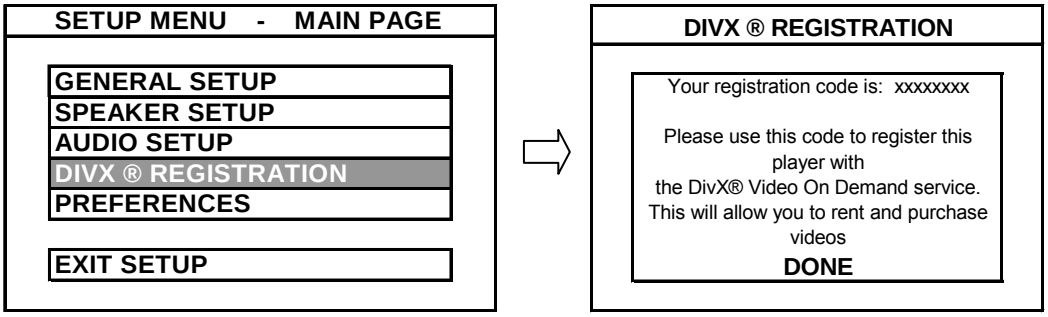


6. DivX Registration

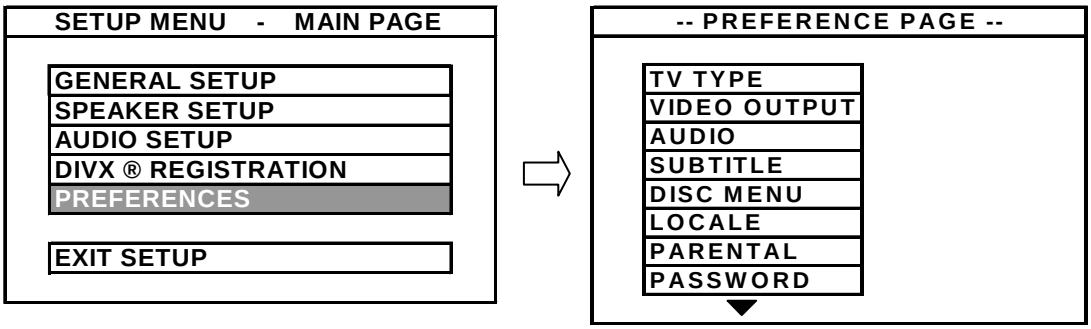
Avayon provides you the DivX® Video On Demand (VOD) registration code that enables you to rent and purchase videos using the DivX® VOD service. For more information about Video On Demand, visit www.divx.com/vod.

To locate your VOD registration code, do the following:

1. Press the SETUP button on the remote control during STOP or PLAY mode to enter the on-screen SETUP MENU.
2. Use the cursor to select DIVX® REGISTRATION. Press ENTER to display the DIVX® REGISTRATION page.
3. Write down the 8-digit DivX registration code.



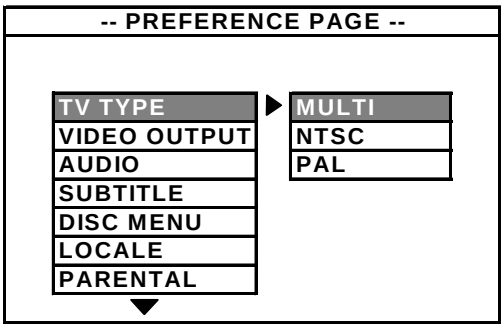
7. Preferences



TV TYPE

TV TYPE refers to the video standard used, and this setting must be the same for both your player and TV. The default setting for the player is NTSC.

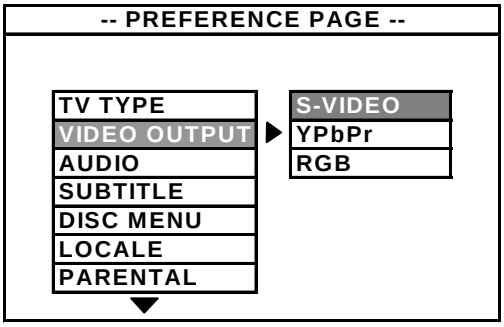
Only select MULTI if you know that your TV is a multi-video system. Otherwise choose either NTSC or PAL depending on your country's standards.



VIDEO OUTPUT SELECTION

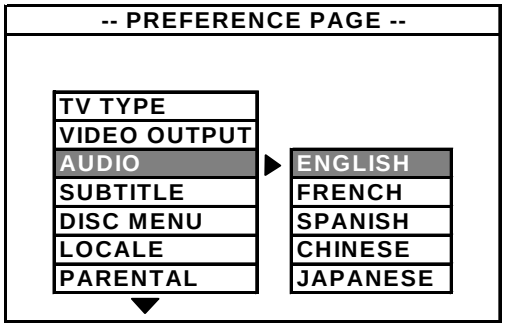
The player supports four types of video connections to your TV – analog VIDEO, S-VIDEO, YPbPr for Progressive Scan TV, and RGB (red-green-blue). The setting you choose depends on the capabilities of your TV.

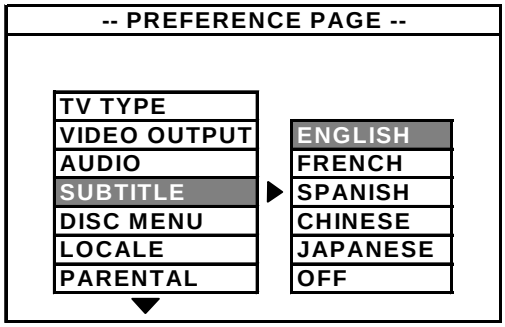
The DXP-1000 comes with cabling for a standard analog VIDEO connection.



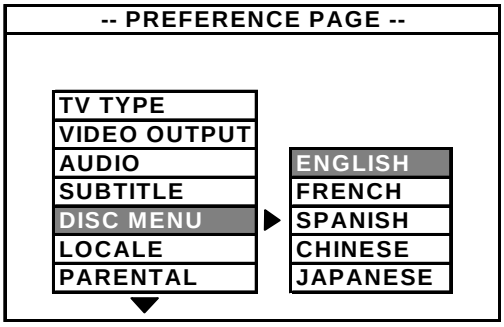
LANGUAGE SELECTION

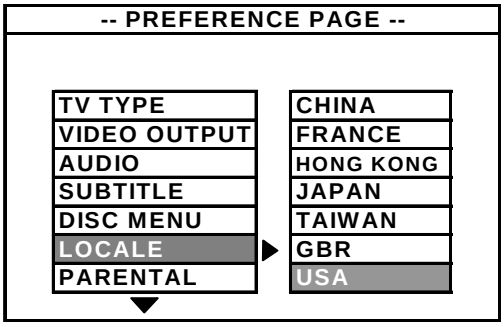
The LANGUAGE SELECTION menus on the PREFERENCE PAGE allow you to take advantage of certain language options that may be available as a feature on your DVD. Some DVDs have multi-language capability which you can access through these screens. Alternate languages provided on the DVD, can either be listened to, or read as subtitles on the screen without changing the audio.





Also embedded in many DVDs is the capability of changing to a different language on the DVD Menu. You can access this capability by choosing the language of your choice from the DISC MENU selection on the PREFERENCE PAGE.

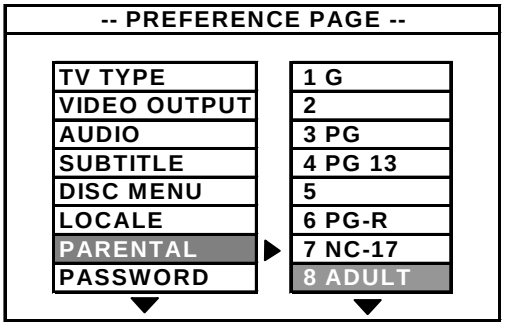




PARENTAL CONTROL

The Parental Control feature allows you to limit unsupervised viewing of DVD movies on the player. You do this by selecting the highest rating to be viewed without having to enter a password.

For example, if you select PG-13, movies rated PG-13, PG, and G can be viewed without having to enter a password.



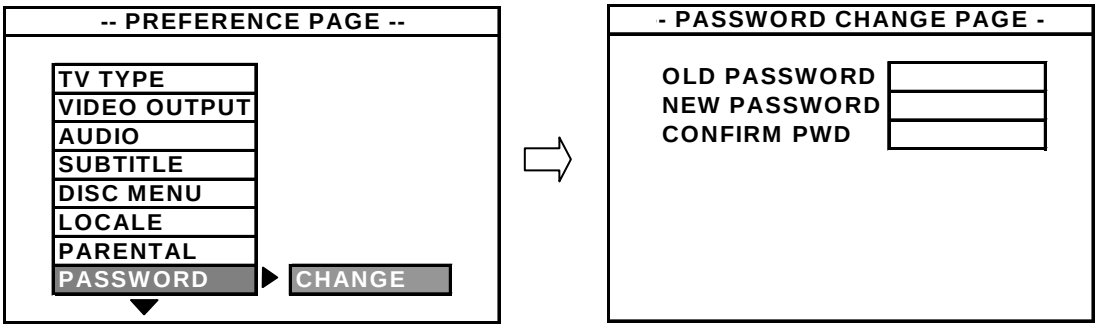
- Select an appropriate movie rating. The disc cannot be played if it is rated higher than the rating set.
- Go to the PASSWORD VERIFY PAGE to input your password after selection of Parental rating.

NOTE: Different countries may use a different age range and standards in their rating systems. Ensure that you have selected the correct locale (see previous page) for the country you are in.

PASSWORD SETTING

The password used to access changes to the Parental Control can be changed by clicking on PASSWORD and selecting CHANGE. The DXP-1000 comes with a default password of **3308**.

You may enter any combination of four numbers to create a new password.

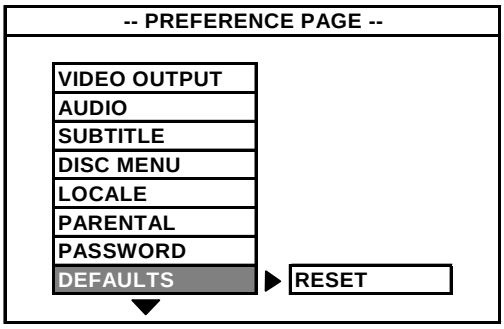


DEFAULTS

All of the features on the player can be restored to their original factory settings.

To reset the settings to factory setting,

- Select DEFAULTS on the PREFERENCE PAGE, and choose RESET.



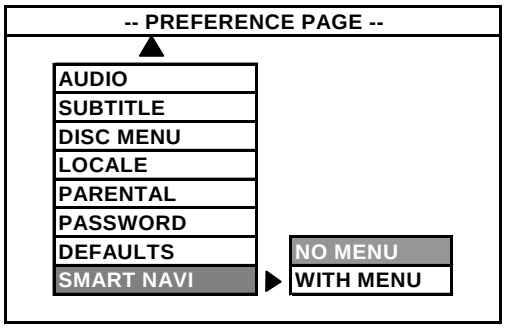
SMART NAVI

The SMART NAVI feature displays the contents of your DivX movie CD, Xvid movie CD, MP3 CD, or Photo CD.

Additional details on how to use the SMART NAVI features are on the following pages.

To select this feature,

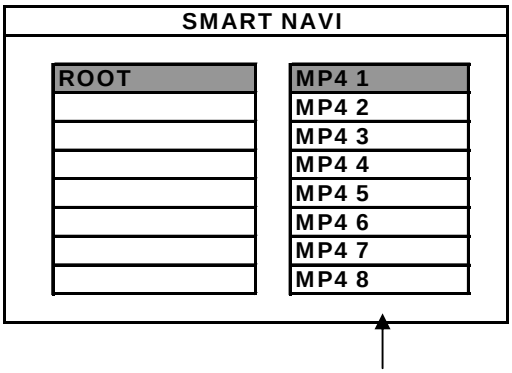
- Select SMART NAVI on the PREFERENCE PAGE, and choose WITH MENU or NO MENU.



8. DivX, Xvid, MP3, and JPEG Formats

Whenever a disc containing a DivX, Xvid, MP3, or JPEG format is inserted into the player, a SMART NAVI screen will appear that displays the folders in the left column and the contents of the selected folder in the right column.

DIVX/XVID/MPEG4 FORMAT



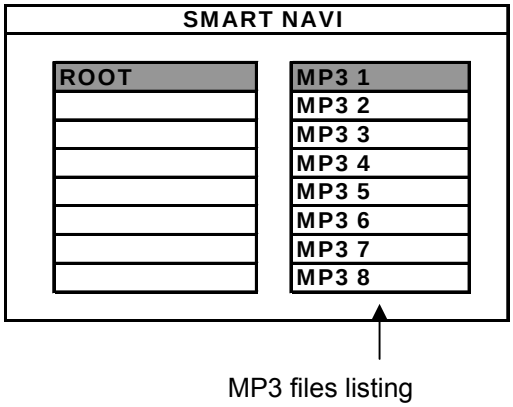
DivX/Xvid/MPEG4 files listing

Press ⇦⇧⇨⇩ to select the ROOT folder in the left column. This will display the files and/or folders in that folder. Next select another folder you wish to open, or a video you wish to play. Press ENTER/PLAY to display the contents of that folder, or to play the selected video. Press STOP to go back to the SMART NAVI menu.

FUNCTION KEYS FOR DIVX/Xvid/MPEG4 FILES

Forward/ Backward	Press the ▶▶ ◀◀ icons to play fast forward and fast backward. Continuously pressing either button returns the speed to normal.
Next/ Previous	Press ▶▶I I◀◀ to advance to the next or previous chapter.
Mute	Press the MUTE button to turn the audio off. Press it again to resume.
Pause	Press ▶II to pause playing and press again to resume.
Slow	Press SLOW to view the video in slow motion. Press PLAY to resume at normal speed.
Step	Keep pressing the STEP button repeatedly to play frame by frame.
GoTo	Press GOTO to search the chapter and time you want. For functions additional please refer to “Function Buttons” in the manual.

MP3 FORMAT

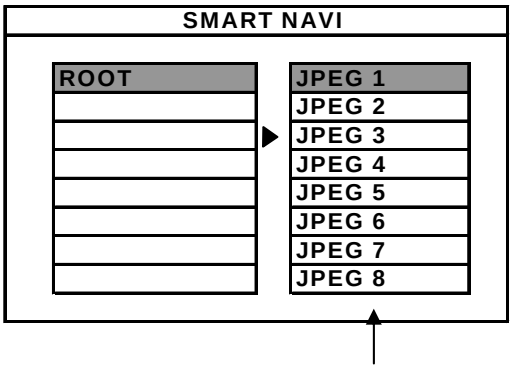


Press ⇦⇧⇨⇩ to select the ROOT folder in the left column. This will display the files and/or folders in that folder. Next select another folder you wish to open, or a song you wish to play. Press ENTER/PLAY to display the contents of that folder, or to play the selected song. Press STOP to go back to the SMART NAVI menu.

FUNCTION KEYS FOR MP3 FILES

Forward/ Backward	Press the ▶▶ ◀◀ icons to play fast forward and fast backward.
Next/ Previous	Press ▶▶| |◀◀ to advance to the next or previous song.
Mute	Press the MUTE button to turn the audio off. Press it again to resume.
Pause	Press ▶II to pause play and press again to resume.

JPEG FORMAT



Press ⇕⇔ to select the ROOT folder in the left column. This will display the files and/or folders in that folder. Next select another folder you wish to open, or an image you wish to display. Press ENTER/PLAY to view the contents of that folder, or to view the selected image. Press STOP to go back to the SMART NAVI menu.

FUNCTION KEYS FOR JPEG IMAGES

Zoom	Press the ZOOM button and the screen will show ZOOM ON. Press ▶▶ ◀◀ icons to zoom in or zoom out.
Rotate	Press ⇕⇔ to rotate the image.
Next/ Previous	Press ▶▶| |◀◀ to advance to the next or previous image.
Menu	Press MENU to preview the images.
Subtitle	The use of Subtitle function (For the DivX/MPEG4 file with subtitle function): Insert disc and choose the file in "?" icon, then press 'SUBTITLE' button in remote control, the screen will show subtitle is being selected. Then go back to the appropriate .avi file and press 'ENTER' to playback, the subtitle function is now activated.

9. Special Functions

The following special functions can be accessed using the Remote Control.

CHECKING THE FIRMWARE VERSION

You can check the current version of your DXP-1000 firmware as follows:

- Open the disc tray.
- Press the GOTO button on the Remote Control.
- The firmware version information will appear briefly at the bottom of the screen.

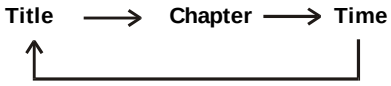
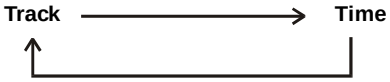
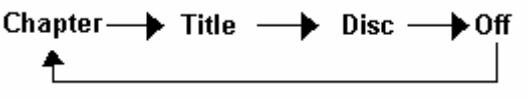
BASIC OPERATION

Function Key	Description
POWER ⏏	**POWER STANDBY ON / OFF** Always Switch Off the Main Power in the back of the player if you don't plan to use the player for a long period of time.
OPEN	**OPEN / CLOSE DISC TRAY** If you open the disc tray when a DVD is playing (do not press the STOP button ■), the player will memorize the stopped position. When the same disc is loaded again, the player will continue playing from the position that it stopped. (If another disc has been loaded, the last memory will be cleared.)
PLAY/PAUSE ⏯	**PLAY – NORMAL** **PAUSE** Press the ⏯ button while stopped to PLAY a selection. Press the button again while playing to PAUSE the selection. Press the ⏯ button again to resume normal PLAY.
⏩	**SEARCH FORWARD** **SEARCH BACKWARD** Repeat pressing the SEARCH button on the remote to change the SEARCH speed or back to normal PLAY. Press ▶ button to resume normal PLAY.
⏭ ⏮	**SKIP FORWARD** **SKIP BACKWARD** Skip to the next or previous chapter or track.

Function Key	Description
⏭ ⏮	**SKIP FORWARD** **SKIP BACKWARD** Pressing these buttons while playing a video skips ahead or back to the next or previous chapter. While playing an MP3 disc, these buttons skip to the next or previous track.
■	**STOP / PRE-STOP** Press ■ once to stop the player, memorizing the stopping position. a. Press ▶ to continue playing from the position that it stopped ⏭■ ⟶ ▶ b. Press ■ again to completely STOP the player. ⏭■ ⟶ ■

FUNCTION BUTTONS

Function Key	Description
DISPLAY	**MENU BAR ON SCREEN DISPLAY** Activate the Menu Bar On-Screen Display, displaying the current status. Repeat pressing the button to activate the first page, the second page of the Menu, and to clear the Menu display.
PBC	**PLAYBACK CONTROL (only for VCD playback)** Press PBC to toggle PBC ON or OFF. When it is set to OFF, the VCD will be playing automatically after you insert the disc. When it is set to ON, it will show a menu of different movies that are recorded onto the VCD. Use the numerical keys to select the movie to be viewed. Please note, PBC will only work on version 2.0 VCDs.
ENTER	**CONFIRM AN ENTRY** Confirm a setting entry in the Player / Disc's Function Menu.
SHUFFLE	Random play selections on the disc.
	CURSOR Press the buttons UP, DOWN, LEFT, RIGHT in the Player / Disc's Function Menu to move from one selection to another.
RETURN	**RETURN TO THE MAIN MENU WHILE PLAYING VCD**
NUMERIC KEYS	**PROGRAM NUMBER ACCESS** Input one to two digits for chapter or track number, then press the ENTER button to start the viewing at the selected chapter or track.

Function Key	Description
GOTO	**GOTO SEARCH** Press the button to enter the SEARCH mode, to select playing at a desired section. The Menu Bar displays as follow: TITLE 01 / 20 CHAPTER 01 / 010 **DVD mode** Press the CURSOR button to select search mode, Title, Chapter and Time modes:  **Other disc types mode** Press the CURSOR button to select search mode, Track and Time modes: 
REPEAT	**REPEAT PLAYBACK** **CHAPTER / TITLE (TRACK / DISC)** Repeat playing a selected CHAPTER /TITLE of DVD disc, or TRACK / DISC of other disc types. **DVD mode** Repeat pressing the button to select REPEAT mode, CHAPTER / TITLE:  **Other disc types mode** Repeat pressing the button to select REPEAT mode, TRACK / DISC: **NOTE:** PBC must be set to OFF. To clear the menu bar, press the DISPLAY button.

Function Key	Description
A – B	**REPEAT SECTION A → B** Repeat playing back a selected section A → B **A → Start** Press the button at the beginning of the desired section A. **→ B End** Press the button at the end of the desired section B. **Cancel the setting** Press the button again to switch Off the setting, and return to normal play. To clear the menu bar display, press the DISPLAY button.
PROG	**PROGRAM SETTING** Programming the play of selections on a disc (VCD, DVD and MP3) in a desired sequence. The player memorizes a disc program setting, and recognizes a memorized disc program automatically when the disc is loaded. **1. Playback a Program** Press the PLAY button after setting the program. **2. Set a Program** Press the PROG button and numeric keys to select a track, and press the ENTER button to set the programmed track. PROGRAM P 00 : 00 Title number Program order For example : Press 2 → P 01 : 02 then Press 5 → P 02 : 05 then Press 1 → P 03 : 01 **NOTE:** A DVD DISC CANNOT BE PROGRAMMED.
MENU	**DISC MAIN MENU** Stop the player, return back to the Disc Menu, or to the beginning of the disc.

Function Key	Description
MUTE	**TURN OFF THE VOLUME**
ZOOM	**ZOOM PICTURE** Enlarge the picture to 4 times normal. In the ZOOM mode, press to adjust the position of image on the screen.
SLOW The unit is Muted when slow is pushed	**SLOW MOTION** Repeat pressing the button to change the SLOW motion speed, or back to normal PLAY mode. The player is muted when the SLOW button is pushed.
STEP	**TO PLAY THE DISC AT STEP MODE**
TITLE	**GO TO DVD DISC TITLE MENU (DVD DISC ONLY)**
SUB TITLE	**SUB TITLE LANGUAGE** Press the SUBTITLE button to switch the subtitle language.
ANGLE	**VIEW ANGLE** Repeat pressing the button to select different VIEW ANGLES available from the DVD disc.
AUDIO	**DVD AUDIO TRACK** Repeat pressing the button to select up to 8 dialogues available from DVD disc.

Function Key	Description
L/R	**TO CHANGE THE AUDIO TRACK**
SETUP	**GO TO SETUP MENU**
VIDEO Progressive scan selection	**PROGRESSIVE SCAN TV AND INTERLACED TV SELECTION** This function only works with progressive scan TV, please see Page 9 how to connect to progressive scan TV. Note: If there is no picture display on the screen after pressed the 'VIDEO', it means that you are in the wrong display mode, your TV set may not support Progressive Scan. Simple press 'VIDEO' again and change scan mode to resume.
– +	**AUDIO VOLUME** Press + or - to increase or decrease the audio volume.

TROUBLESHOOTING

If you should have any problem with this player, check this list for a possible solution before calling for service.

Symptom	Check and Action
No power	1. Check that the power cord has been properly connected to the wall outlet. 2. Check the main power has been switched on at the back of player.
Does not play	1. No disc. Load a disc. 2. Disc has been loaded upside down. Place the disc with the label side up. 3. Disc's zone/regional code does not match the player. 4. Disc is not of the correct type. 5. Disc is damaged or dirty. Clean the disc, or try another disc. 6. Moisture may be condensed inside the player. Remove the disc and leave the player powered on for one or two hours before trying again.
No picture	1. Check that the TV is powered on, and the correct AV mode is selected. 2. Check that the system connections are secure. 3. Check if the connection cables are damaged. 4. Clean the disc.
Picture noise / distorted	1.Disc is damaged or dirty. Clean the disc, or try another disc. 2. Reset the color system (NTSC or PAL) of the DVD player, or the TV set. 3. Connect the player directly to the TV instead of via a component like a VCR.
Picture not full screen	1. Select the proper screen format through the on-screen menu. Enter SETUP MENU → (TV DISPLAY). 2. Select the proper screen format from DVD disc menu.
Cannot SKIP or SEARCH	1. Some discs are programmed to not allow users to SKIP or SEARCH some sections, especially at the beginning of the WARNING screen. 2. A single Chapter disc cannot access the SKIP function.
No sound or Sound output not complete	1. Check that the TV and amplifier have been powered on and are correctly set. 2. Check that the TV and amplifier system connections are secure. 3. Press the AUDIO button and select other audio tracks on the disc. 4. Check if the MUTE function of the DVD, TV, or amplifier has been activated. 5. There will be no sound output during REVERSE PLAY / PAUSE / STEP / SLOW / SEARCH.

TROUBLESHOOTING (cont'd)

Symptom	Check and Action
No surround sound	1. Check if the audio output has been changed to Analog.
MP3 disc plays no sound or noise	1. When program files or other data files are mixed with MP3 files on the same disc, the player may play the non-MP3 files with noise or no sound. 2. Check the disc to verify if all the files on disc are MP3 files. 3. Skip the file and try another file.
Remote control does not function	1. Remove any obstacles between the remote control and the player. 2. Point the remote directly at the remote sensor on the player (located to the right of the disc tray). 3. Check the batteries in the remote control and ensure they are inserted with the correct polarities. 4. Replace the batteries of the remote control.

SPECIFICATIONS

Type of Disc	DVD DVD-R / DVD-RW DVD+R / DVD+RW DivX version 3.11, 4.xx, or 5.xx CD-DA CD MP3 CD-R / CD-RW PHOTO CD (JPEG)
Video Format	MPEG 1, MPEG 2, MPEG 4
Audio Format	MPEG 1, LAYER 1, LAYER 2
Signal Output	Color System : NTSC / PAL Audio System : AC3 decoded 5.1 channels output / digital output / DTS digital output Video Output : 1Vpp (at 75 ohm) Audio Output : (Stereo): 2Vpp Audio Output : (5.1 channels): 0.5Vpp
Frequency Response	CD: 4Hz – 20KHz (EIAT) DVD: 4Hz – 22KHz (48K) 4Hz – 44KHz (96K)
S/N Ratio	> 92db
THD	<0.04%
Output Terminals	S-Video output x 1 AC3 5.1 channel x 1 Optical digital output x 1 Coaxial digital output x 1 YCbCr / YPbPr output x 1
Power Input	110 - 240VAC 50Hz/60Hz 25W
Dimensions	Body size : W430 X D260 X H48 mm Packing size : W520 X D335 X H93 mm G.W. : 3.7Kg

CUSTOMER SUPPORT AND WARRANTY

1. Customer Support

For installation, usage and repair assistance for both the Warranty and post-Warranty periods, go to http://www.avayon.com/support to access customer support.

2. Warranty

AVAYON Technologies, Inc.
DVD/DivX Player One-Year Limited Warranty

NOTE: BEFORE YOU CONTACT *AVAYON* FOR WARRANTY SUPPORT PLEASE READ YOUR USER MANUAL.

Players purchased from *AVAYON* in the United States are warranted to be free from defects in materials or workmanship for a period of one (1) year ("Warranty Period") from the date of their original retail purchase ("Effective Date"). If the player fails to conform to this warranty, *AVAYON* will repair the Player using new or refurbished parts or replace the entire Player with a new or refurbished Player.

TO ENSURE WARRANTY SERVICE, KEEP THE DATED SALES RECEIPT AS EVIDENCE OF THE PURCHASE DATE. Also, be sure to register for warranty either through returning the completed mail-in card found in the shipment box or on line at www.ayayon.com/support.

To obtain warranty service in the U. S., you must also go to www.avayon.com/support and access customer support. You will be required to provide the model, serial number, and date of purchase.

AVAYON retains the right to assess all warranty claims and to determine if damages are covered by this warranty. In case of a claim that is not covered by the warranty, you will be contacted to determine if *AVAYON* should repair the damage for a fee or if the player should be returned to you as received by the service center.

During a period of ninety (90) days from the Effective Date, *AVAYON* will provide service labor to repair a manufacturing defect at its designated service center at no charge to you. If a defective part is replaced after ninety (90) days from the Effective Date, you pay labor charges for the repair.

For one (1) year from the Effective Date, *AVAYON* will use new or refurbished parts for repairs. Such replacement parts are warranted for the remaining portion of the original Warranty Period.

During the Warranty Period, *AVAYON* will, at its option and sole discretion, repair or replace defective parts, including replacement of the entire Player.

You will be required to ship the player to the service center indicated at the time you contact *AVAYON* customer service for warranty support. You are responsible for all transportation charges to and from the service center and for all loss or damage during transport. *AVAYON* is not responsible for the de-installation or re-installation of the player.

WHAT IS NOT COVERED BY THIS ONE-YEAR LIMITED WARRANTY

This warranty does not cover defects, malfunctions or failures resulting from shipping or transit accidents, abuse, misuse, operation contrary to furnished instructions, operation on incorrect power supplies, operation with faulty associated equipment, modification, alteration, improper servicing from anyone other than an *AVAYON* authorized service center, tampering, normal wear and tear, if the serial number has been removed/defaced or deterioration of the external cabinet.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED IN DURATION TO THE PERIOD OF TIME SET FORTH ABOVE. *AVAYON*'S LIABILITY FOR ANY AND ALL LOSSES AND DAMAGES RESULTING FROM ANY CAUSE WHATSOEVER, INCLUDING OUR NEGLIGENCE, ALLEGED DAMAGE OR DEFECTIVE GOODS, WHETHER SUCH DEFECTS ARE DISCOVERABLE OR LATENT, SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE PLAYER. WE SHALL NOT BE RESPONSIBLE FOR LOSS OF USE, COMMERCIAL LOSS OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES.

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